## Por receiving Office use only International Application No. REQUEST International Filing Date The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty. Name of receiving Office and "PCT International Application" Applicant's or egent's file reference 341TIM (if destred) (12 clicracters meatiment) Box No. 1 TITLE OF INVENTION METHOD FOR MAKING A BLIND RSA-SIGNATURE AND APPARATUS THEREFOR APPLICANT Box No. II Name and address: (Family name followed by given name: for a logal entity. full efficial designation. The address include moted aparagod name of caughts. In security of the address indicated in his Box is the applicant Societe (that is, country) of residence if no State of residence is indicated below.) This present is also inventor. Telephone No. +7 (812) 329-1780 **ZOLOTOREV** Oleg Anatolivich Facelmile No. 188537, Leningradskaya obl. Sosnovy Bor, ul. Molodegnaya, 25, kv. 20 Teleprinter No. Russia State (that is, country) of recidence. State (that is, country) of nationality: RU RU the United States of America only the Crates indicated in the Supplemental Box all designated States exceeds the United States of America This person is applicant for the purposes of: States FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include posted code and name of country. The country of the address indicated in this Box is the applicant's Since (that is, country) of residence if no Since of residence is indicated below.) This person is. applicant only KUZNETSOV Ivan Vladimirovich applicant and inventor 191123, Saint -Petersburg. inventor only (I/Ahr check-bax is marked, do not fill in below.) ul. Sahikova-Chodrina, 48, kv. 56 Russia State (that is, country) of residence: State (that is, country) of nationality. RU RU die United States of America only the States indicated in Managerignered ult designated States except the United Dutter of Amsteres This person is applicant the harposes of: Further applicants and/or (further) inventors are indicated on a continuation sheet. AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent international authorities as: M agent common representative Telephone No. Name and address: (Family name followed by given nome; for a legal entity, full official designation. The address must include postal code and name of cothery.) 4-7 (812) 328-3632;

Address for correspondence. Mark this check-hox where no agent of compon representative types been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

Form PCT/ROVIDI (first short) (July 1998)

Matveeva Tatjana Ivanovna

199034, Saint -Petershurg, Universitetskaja

mah. 7/9. University, Patent and License Department

See Notes to the request form

+7 (812) 328-2832:

Tatjana.MATVEEVAjāmilpat.pu.iu

Facsimile No.

Teleprinter No. B-mail:

dinustion of Box No. 1U	FURTHER AP	PLICANT(S) AN	(D/OR (FURT)	IER) INVE	NTOR(S)
If none a	The following sub-	boxes is used, thi	s sheet skould n	at be includ	led in the request.
nc and address: (Family n ignation. The address mass dress indicated in this Box is residence is Indicated belot	name followed by give i include postal code s the applicant's State w.)	en name; for a le and name of coun e (that is, county)	pal entity, full of lry, The country of residence (I no	Tivial of the State	This person is:
MOSHO	NKIN Andrey	Gennadievici	•	ite	applicant and inventor
191123, ul. Shpal Russia	Saint -Petersbu ernaya, 44 - A.	rg, , kv. 5			inventor only (If this check-box is marked, do not fill in below.)
ste (that is, country) of nat	ionality: R	U.	State (that is, o	ountry) of t	residence: RU
nis person is applicant r the purposes of:	all designated States		States except ares of America	the U	thited States the States Indicated in the Sapplemental Box
nme and address: [Family is spendion, The address mu direst indicated in this Box residence is Indicated belo	name followed by glist include postal code is the applicant's Stapes, J. C. Alexandr I.		egal entity, full of nity. The country of residence if no	fficial lof the o State	This person is:  applicant only  applicant and investor
	, Saint -Petersb toevskogo, 36,		· .		inventor only (If this check-box is marked, do not fill in below.)
tate (that is, country) of no	ntionality: Ri		State (that is,		residence: RU United States [7] the States indicated in
his person is applicant or the purposes of:	States	the United St	d States except lates of America	A 70 [	merica only the Supplemental Box
lame and address: (Family lesignation, The address mi ddress indicated in this Bax of residence is indicated bel		iven name: for a de and name of cou ate (that is, countr)	legal entity. Juli intry. The country of residence if n	official yof the to State	This person is:  applicant only
кнам	/ITOV Ildar M	agafurovich			opplicant and inventor
ul. Bal	9, Saint-Peters hushkina, 29, k	burg, orp. 2, kv. 45	ı		inventor only (V this check-box is marked, do not fill in below.)
Russia		•			
Klissia State (that is, country) of n	ationality:	RU		i, country) o	of residence: RU
State (that is, country) of n This person is applicant for the purposes of:	nationality:  all designated States	RU all designat	State (that is ted States except States of America	the of	United States   the States indicated
State (that is, country) of n	pationality:    States   States     In name followed by many include postal es on its the applicant's S	RU all designat	State (that is ted States except States of America	the of	United States   T the States indicated
State (that is. country) of n This person is applicant for the purposes of: Name and address: [Famili designation. The paddress indicass indicated this lie	pationality:    States   States     In name followed by many include postal es on its the applicant's S	RU all designat	State (that is ted States except States of America	the of	United States the States indicated the Supplemental Be This person is: applicant only applicant and inventor inventor only (If this check-but
State (that is, country) of n This person is applicant for the purposes of: Name and address; [Famili designation, The piddress in address indicated in this Ita of residence is indicated by	ationality:  all designated States  ly name followed by hist facture postal co as is the applicant sS elow.)	RU all designat	State (that is seed States except States of America a legal entity, full miniry, Tig country) of residences	Unofficial try of the try of the	United States
State (that is. country) of n This person is applicant for the purposes of: Name and address: [Famili designation. The paddress indicass indicated this lie	ationality:  all designated States  ly name followed by hist facture postal co as is the applicant sS elow.)	RU all designat	State (that is seed States except States of America a legal entity, full miniry, Tig country) of residences	Unificial try of the no State	United States

Form PCT/RO/101 (consinuation sheet) (July 1998)

Soe Notes to the request form

		-2			
Chart	Ma	-,	_	٠	

No.V DESIGNATION OF STATES following designations are hereby made under Rule 4.9(a) (mar	the producable check-boxes; at feast one must be merked);
following designations are hereby made under iture 4.9(a) (mar	
4 4 - 4 - 4 - 4	AL ALL CO CIVATINDO UG UKADUL I
ARIPO Patent: Gil Ghana, Ghi Gambia, KE Kenya, I ZW Zimbobwe, and any other State which is a Compa-	LS Lesoling, 19 to Harare Protocol and of the PCT
ZW Zimbobwe, and any other State which is a Control	IV Belows, KG Kyrgyzsian, KZ Kazakhsian, MD Republic of
EA Eurasian Patenti AM Armenia, Assistan TM	Turkittenistan, and any other other
Moldova, RU Russian Federation, and of the PCT	Land Liechtenstein CY Cyprus, DE Germany,
The European Palent: AT Austria, BE Belgium, Cli an	nd LI Switzerland and Liechtenstein, CY Cyprus, DE Germany, alted Kingdom, GR Greece, IE Ireland, IT haly, LU Luxembourg, and any other State which is a Contracting State of the European
DK Denmark, ES Spain, FI Finland, FR France, GB Ur	afted Kingdoms State which is a Contracting State of the Estropean
DIC Ministro, 140 secret mines	CM Camarana
Patent Constitution and	A Gringer Republic. Co College of Lord
OA OAP! Patent: BJ: Berking Paso, his beting of control	NE Niger, SN Senegal, 10 Chan, ion or treatment desired, specify
Of Contracting State	leof the PC I I Double with St.
on doued line)	1 Bunk
tional Patent (if other kind of protection or treatment desired,	specify on douce lines.
AL Albania	L.S Lesotho
	LT Limounto
	☐ I'A Foxempont
	[] LY Laivia
<u></u>	MD Republic of Moldova
	MG Madugascar
	Mic The former Yugoslav Republic of Macedonia
	MK the towner and
	MN Mongolia
<del>-</del>	MY Malawi
<u> </u>	MX Mexico
CA Canada CH and LL Switzerland and Licelstenstein	□ NO Norvay
	NZ New Zealand
- ·	D PL Poland
	☐ bl. houndar
	RO Romania
	RO Rossian Federation
	∏ SD Sudan
	📋 SF. Sweden
	SG Singapore
	St Slovenia
GB United Kingdom	SK Slovakia
CE Georgia	SL Sierra Leone
GI Ghana	[] TJ Tajikisian
GM Gambia	
. GW Quinca-Bissau	and core distance
☐ BR Crostia	- and related and Tohara
110 Hungary	100 TIA Hibroing
D Indonesia	The rice through a second seco
IL Israel	= to the coses of America
T to tentand	MS
I'll I'll lange	
TI VE Kenya	二
THE INC. Marcovecials	same and a second profession and a second a seco
The No Transcratic People's Republic of Korea	73 7337 7 imbalaye
	. A Dr a (Fast the murnape)
to the same of the appropriate the same of	Check-boxes reserved for designating States (for the purposes a national patent) which have become party to the PCT at
- B	
· · ·	199thrates as any
LC Saint Lucia	
LK Sri Lauka	ceignations unde above, the applicant also makes under Rule 4.9(b) all estimations unde above, the applicant also makes under Rule 4.9(b) all estimations under the Supplemental Box as being exclusive the supplemental descentations are subject to confirmation and the

designations which would be permitted under the PC1 except any designations, indicated in the subject to confirmation and that any from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the primity date is to be regarded as withdrawn by the applicant designation which is not confirmed to a designation consists of the filing of a notice specifying that designation and the at the expiration of that time limit.) Confirmation of a designation must reach the receiving Office within the 15-month time limit.)

See Notes to the request for PCT/RO/101 (second sheet) (July 1998) See Notes to the request form

fixer No. .4 ...

Уни и притязания	на приорите	There is a linear	сдующие притязания на принципальной графе	эноритет приведены в				
N			Если предшествующая зап	IVE GORGOOD				
Дата полачи пред-	Номер		рсгионильной					
шествующей запаки	предтествующе			международной				
(день/месяц/год)	Jaankk	заянкой;	JBRBKOR;	эзнекой:				
<u> </u>	· · · · · · · · · · · · · · · · · · ·	<u>crpaita</u>	региональное вевомство	получающое редометво				
(1) 29 сентября 1998		1	1	1				
(29.09.98)	98117706	RU	· I	ł				
(29.09.90)	70117700	100		1				
0				†				
} \		-4	1	ł ,				
		1	3					
		<u> </u>	1	1				
()	<del>*** · · · · · · · · · · · · · · · · · ·</del>		· · · · · · · · · · · · · · · · · · ·	1				
[''		- 1		1				
<u>,</u>		· \	i	į.				
Получающему ведомству родному бюро заверенную в том случае, если предшест которое для настоящей меж	Копино предизеству маухощая залака (за диноводной ганаки я	леки) была подала в веді леки) была подала в веді пошей зайрки (заявак)	(MGREKO DACINGO, NCIMBON,					
• Если предшествующая залыка являе. Парагиской конценции по аталие посы	тся занькой ARIPO, п	10 в допалниневыюй грофе н	геобходимо указать по крайней я	MERE DOWN CHARGES - MARCO SOME				
Парижской конвенции по охране пром	ышленной собетвеннос	ти. для целей которой быт г	нодана эта преднествующая эта	and condening Additionally				
Trada VII MENERYHAPO	дный поиско	HILL OPPAH						
		ADDITION OF LAND						
Выбор межаунаролного воиское	nero oblana (124)	TIPOCHOZ DO MCHONEJORNI	ин розультатов ранес провем	SEROTO CONCKE! OCIUME NE				
помска вестотся два или брасе межд	т том оунироского Малядынх мангат-	1 TOTAL LIBRICK STATE STREET AND	и уже прозеден или эппромен у Междун	mandance residentiation appears parect;				
I вых органа, казвать адин из них: ма	CHO HOTORIODEANIA	Aara (dens/mecha/20d)	Нонер Стран	in (mus becommercens asgonomics)				
двубукиенный код);				•				
ISA/EP								
IDITY EA			<del>_</del> _					
Графа VIII КОНТРОЛЬНІ	ый перечень							
		- M						
Настоящая международная зая			вке приложены следующие	и мокументы:				
сопержит следующее количест	ро   1.1⊠ яист	расчета пошимн						
1	2.50 orne	лыная подписанням дог	вервиность.					
SENDICHIC :								
описание (исключая	] 3.[] K0∏	и оомен доверенности	г, ссылка на номер, если и	ACCTOR:				
перечень последова-	4.17 DA35	искения по породу отс	угствия подписи					
тельностей) :	-			.4. 556				
формула :	3.134 HAVE	5. № приоритетный(ые) документ(ы), указанный(ые) в графе VI под						
реферат	номером(ами);							
чертежи	δ. □ nepe	вод международной за:	явки на (взык):					
•	7.FT UHO	RECOVERACE A RECOVERY	нии микроорганизмов или	American C.				
часть описания с	MATE	PHOTE	with books attributes with	Than Character of Carologue Carologue				
перечнем после-								
Restantioners :	a. l. nepe	чень последовательное	тей нуклеотидов/аминоки	STONE B MAUSIN HOUNTERMOS				
	} groy.							
Сотры окран заподо запо	[9.⊠] fipovi	ее (указать): Переда	вточный акт					
Фитура чертежей, предлагиемая		HERROW MACK		***************************************				
для публикации с рефератом:	l/1 i	MOXINYHAPOZHOR SZRBKE:	Русский					
			,					
Графа IX ПОДПИСЬ ЗАЯ	ВИТЕЛЯ ИЛИ А	<b>CEHTA</b>						
Рядом с подлисью нозвать фанциию каз в эдявления,	พร้องการอภิสเลากสมเตรก เป	PARAME EXPENSES	moderness and annual contraction					
630xtaenum,			TOWNS THE PRESENTAL BEST THE NEW YORK OF THE	ACCOUNTED CONNECT IN THE SECONDARY OF THE PARTY OF THE PA				
	# 11.							
Зологорев О.А.		Champan	A.J. Cruspus	<del></del>				
JONGTOPER C.A	_/_/_	(MMphos	A.A.	<del></del>				
	1.10			7				
Кузнецов И.В.	44.1	Хамитов	MM X Y/	/				
Nyshedos FI.D.		Zin. Zamilot	P. C. 181.					
]	127		<b>476</b>					
Мошонкин А.Г.	FI.Com			•				
ј тугононкин ж.т.	- 17 V			•				
L								
	Заполи	яется получающим всь	POMCTBOM -					
1. Дата фактического получени	AR Einch-	_	•					
полагасмой международной	заярки:			2. Чертежи				
		···		полу-				
3. Исправленная дата при боле	🗠 позднем, но сво	въремениом		L. YCHIH				
получении страниц или чер	тежен, доукомиле	ктовивающих						
превполагаемую международ			·-					
4. Дэта свосвременного получе	ння требуемых			Не полу-				
исправлений согласно статьс	2 11(2) PCT;			JOHM				
]								
5. Международный поискоры!	В брузи год	/ Jan   6.	Направление колин для г	Tolicka nadenwayo				
(ссли компетентны два или бо	onee): ISA	/ EP [" [_	впредь до уплаты пошлиі	TH 33 HONCK				
	Запов	няется Международин	им биоло					
Дата получения регистраці	NORHOLO OTOHNON	ATTENDED TO A SECURITY OF THE PERSON ASSESSED.						
экземиляра Международным	бюро:		¢					
Energy DCT /DA/MAL /	4000	1000	C 0					

Cheef	NA	4

Box No. VI PRIORITY CI	AIM			Further pok	ority claims are indicated	in the Supplemental Bo	ox,	
Piling date		umber		Where carlier application is:				
of earlier application (day/month/year)		r application	national ag	• .	regional application: segional Office	international application	<b>#</b> 1:	
29 September 1998 (29.09.98)	9811	7706	RU					
icm (2)				-			.	
item (3)	<u> </u>	· .					$\rceil$	
The receiving Office is reconstitution(s purposes of the present in	(only i)	ne eartier ap	pucquan was ju	2000-1 identi	fied above as item(s):			
purposes of the present int Where the earlier application is Convention for the Protection of k	an ARIPO t whistrial Pri	opplication, it operty for white	is mandatory to in the share artice app	dicate in the dication was	Supplemental Box of least Gled (Rule 4.10(b)(G)). Sec	one country party to the Pa Supplemental Box.	oris	
Box No. VII INTERNATIO	NAL SEA	RCHING A	UTHORITY			<del> </del>	_	
Choice of International Scare (If two or more International Sec competent to corry out the Interna- the Authority chosen; the two-lets	uching Avii nasa lanair	iorities are . ch. indicata	Request to use i search has been ed Date (day/month)	arried out by t	riler search; reference or requested from the Intern Number	to that search (if an ear sotional Searching Authorit Country (ar regional Offi	W	
ISA / EP				·	,			
Box No. VIII CHECK LIST	r; Langi	UAGE OF F	ILING			- 4 haloutt	ᅱ	
This international application of the following number of sheet			ional application	is accomp	inied by the item(s) mar	Ked DCMA.		
request :		2. Et separ	ate signed powe	r of attorney	••	••		
description (excluding sequence listing part) :	}	3. [7] сору	of general powe	r of allomey	; reference number, if a	ny:		
claims :		4. 🗋 state	nent explaining	lack of signs	ature	•		
abstract		5. Et prior	ity document(s)	identified in	Box No. VI as item(s):			
drawings :	ì	6 TI trans	lation of internal	tional applic	ation into (language):		1	
sequence listing part		7. [7] sepai	rate indications o	oncerning d	eposited microorganism	or other biological mater	rial:	
of description		8. 🔲 mucl	cotide and/or wn	ino acid seq	uence listing in compute	r readable form		
Total number of sheets ;		9. 🔯 other	(specify). At	t on tran	sfer of patent rig	inis		
Figure of the drawings which should accompany the abstract			Language of i	filing of the pplication:	Russian	<u> </u>		
Box No. JX SIGNATUR	E OF APP	LICANT OF	AGENT			A Labour Stores paralle of		
Next to each signature, indicate the	name of the p	crson signing a	nd the exposity in *	dieli de perso	u signs (d such copocity is no	Othere's our server fire to	nesg.	
Oleg A. Zololore		5		Aleksaı	ndr L. Smirnov T	Company	-	
Ivan V. Kuznetso	)V	The state of the s	2	lidar M	. Khamitov	26		
Andrey G. Mosh	onkin	Mor						
			For receiving O	ffice use onl	у —	2. Drawings:		
Date of actual receipt of international application						2. Interwings:		
Corrected date of actual timely received papers of the purported internation	r drawings	completing	·					
4. Date of timely receipt of corrections under PCT	Article     {2	£):			14.1 AFART L da	not rece	avcū	
5. International Scarching (if two or more are com	Authority petent):	_		until:	mittal of search copy de search fee is paid.	My Ed	· 	
		F	or International	Burenu use e	only —			
Date of receipt of the reco	rd copy u:					San Notes to the mount		

Form PCT/RO/101 (last sheet) (July 1998)